

PT 158A08a (05-03)

Approved for use through 07/31/2008 OMB 0861-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid control number.

Substitute for form 1449A/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Sheet 1 of 1

Complete If Known

Application Number	10/657,646
Filing Date	September 8, 2003
First Named Inventor	Jani Vare, et al.
An Unit	2683
Examiner Name	Danh C. Le
Attorney Docket Number	004770.00136

U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No.	Document Number Number - Kind Code* (If known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Paragraphs or Relevant Figures Appear	Where Relevant Invent
DCL		US- 2004/0120323	08-24-2004	Vilkari et al.		
		US- 2003/0028763	02-06-2003	Mallnen et al.		
		US- 6,931,254	08-16-2005	Egner et al.		
		US- 6,522,883	02-18-2003	Timmusa et al.		
		US- 2004/0132485	07-08-2004	Mattila et al.		
		US- 2003/0022676	01-30-2003	Nakamoto et al.		
		US- 2003/0114981	06-19-2003	Allen et al.		
		US- 2004/0092271	05-13-2004	Vilkari et al.		
		US- 2004/0141524	07-22-2004	Lee et al.		
		US-				
		US-				
		US-				
		US-				
		US-				
		US-				

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No.	Foreign Patent Document Country Code* - Number* - Kind Code* (If known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Paragraphs or Relevant Figures Appear	T*
DCL		EP1261221	11-27-2002	Adachi et al		

Examiner Signature	<i>Danh</i>	Date Considered	4/18/06
--------------------	-------------	-----------------	---------

*EXAMINER: Initial if reference considered, whether or not citation is in accordance with MPEP 606. Draw line through citation if not in compliance and not considered. Include copy of this form with next communication to applicant. *Applicant's unique citation designation number (optional). *See Kind Codes of USPTO Patent Documents at www.USPTO.gov or MPEP 601.04. *Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). *For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. *Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. *Applicant is to place a check mark here if English language translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is (a) (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1460, Alexandria, VA 22313-1460. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1460, Alexandria, VA 22313-1460.

If you need assistance in completing this form, call 1-800-PTO-0159 and select option 2.

BEST AVAILABLE COPY

PTO/SB/06a (08-03)

Approved for use through 07/31/2006, OMB 0651-0071

U.S. Patent and Trademark Office, U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1448A/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Sheet 1 Of 2

Complete If Known

Application Number	10/657,848
Filing Date	September 8, 2003
First Named Inventor	Jani Väre, et al.
Art Unit	2883
Examiner Name	Danh C. Le
Attorney Docket Number	004770.00133

U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number Number - Kind Code ² (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Paragraphs or Relevant Figures Appear
DCI		US- 2002/0006133A1	01-17-2002	Kakemizu, et al.	
		US- 2003/0143988A1	07-31-2003	Jamadagni	
		US-			
		US-			
		US-			
		US-			
		US-			
		US-			
		US-			
		US-			
		US-			
		US-			
		US-			
		US-			
		US-			

BEST AVAILABLE COPY

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document Country Code ³ - Number ⁴ - Kind Code ⁵ (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Paragraphs or Relevant Figures Appear	T ⁶

Examiner
Signature

Danh

Date
Considered

4/18/06

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 608. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹ Applicant's unique citation designation number (optional). ² See Kind Codes of USPTO Patent Documents at www.uspto.gov or MPEP 601.04. ³ Enter Office that issued the document, by the two-letter code (WPO Standard 6T.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbol as indicated on the document under WIPO Standard 6T. 18 if possible. ⁶ Applicant to place a check mark here if English language translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEEB OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-6189 and select option 2.

PTO/SB/052(08-03)

Approved for use through 07/31/2008. OMB 0851-0031


U.S. Patent and Trademark Office, U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449B/PTO		Complete If Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary)		Application Number	10/857,843
		Filing Date	September 8, 2003
		First Named Inventor	Jani Vare. et al.
		Art Unit	2683
		Examiner Name	Danh C. Lu
		Attorney Docket Number	004770.00136
Sheet	2	of	2

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials *	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T *
DCL		International Search Report for PCT/1804/02837 with written opinion	

BEST AVAILABLE COPY

Examiner Signature		Date Considered	4/18/06
--------------------	---	-----------------	---------

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 608. Draw line through citation if not in conformance and not considered. Include copy of this form with non-patent literature or document.
 *CITE NO.: This is the number assigned to the document by the examiner. It is not the same as the document number or the document number assigned by the USPTO. This number is used to identify the document in the examiner's file.
 *T: This is the number assigned to the document by the examiner. It is not the same as the document number or the document number assigned by the USPTO. This number is used to identify the document in the examiner's file.
 Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9189 and select option 2.